

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME Dexter Corporation, Hysol Division		EMERGENCY TELEPHONE NO. 415/687-4201
ADDRESS (Number, Street, City, State, and ZIP Code) 2850 Willow Pass Road (P.O. Box 312), Pittsburg, California 94565		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS EA 8
CHEMICAL FAMILY Epoxy	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Epoxy Resin	72		METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	5		OTHERS		
OTHERS Asbestos*	23				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
*If it is necessary to sand the cured adhesive, "wet sanding" is recommended to eliminate airborne asbestos. For "dry sanding" follow recommendations in Section VIII.					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Decompose before boiling	SPECIFIC GRAVITY (H <sub>2</sub> O=1) 1.23
VAPOR PRESSURE (mm Hg.) N/A	PERCENT, VOLATILE BY VOLUME (%) N/A
VAPOR DENSITY (AIR=1) N/A	EVAPORATION RATE (_____ =1) N/A
SOLUBILITY IN WATER Negligible	
APPEARANCE AND ODOR Viscous grey paste with pungent odor	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) ≥ 200°F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Chemical foam, dry chemicals, CO <sub>2</sub>			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

## SECTION V - HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

Rat Oral LD50 >2.0 gm/kg estimated. Rabbit Percut LD50 >2.0 gm/kg estimated.

### EFFECTS OF OVEREXPOSURE

**WARNING!** May cause eye irritation, skin sensitization, or

other allergic responses. Avoid fumes.

### EMERGENCY AND FIRST AID PROCEDURES

Wash skin immediately with soap and water. Flush

eyes immediately with plenty of water.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, aldehydes, acids			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Exotherms with curing agent

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove excess. Clean residue

with solvents.

### WASTE DISPOSAL METHOD

Landfill or controlled burning as regulated by all

governmental agencies.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (Specify type)

Approved NIOSH respirator and mask for asbestos\*

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
	Highly recommended	
	Highly recommended	

### PROTECTIVE GLOVES

Rubber

### EYE PROTECTION

Safety glasses or goggles

### OTHER PROTECTIVE EQUIPMENT

\*This is not necessary unless the cured adhesive is dry sanded, abraded, etc.

See Section II

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store at 75°F

### OTHER PRECAUTIONS

Read container label

ANSI Classification 4